

IN THE ABSTRACT

Please delete the original abstract of the invention and insert therefore, the following abstract:

A method of continuously coating at least one substrate with a buffer layer as a support for a ceramic superconducting material is disclosed. The method includes loading the at least one substrate onto a respective feed spool and feeding the at least one substrate through a vacuum deposition chamber. The method further includes coating the at least one substrate while the at least one substrate is bombarded by ion beams from dual RF-ion sources forming at least one coated substrate, and reloading the at least one coated substrate onto a respective take up spool.